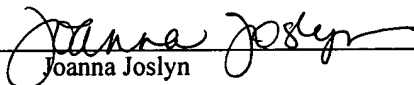


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re United States Patent Application of:****Applicant:** VOLLRATH, et al.**Application No.:** 10/535,093**Date Filed:** May 13, 2005**Title:** APPARATUS AND METHOD
FOR FORMING MATERIALS**Docket No.:** 4245-104**Examiner:** Unassigned**Art Unit:** Unassigned**Customer No.:** 23448**FIRST CLASS MAIL CERTIFICATE**

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, and First Class Mailed under the provisions of 37 CFR 1.8.


Joanna Joslyn

July 5, 2005
Date of Mailing

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO/SB/08A. One copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ c. Attached is our check no. _____ in the amount of \$_____ in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. _____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. _____ in the amount of \$180.00 in payment of the petition fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. _____ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).

Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicant

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Telephone: (919) 419-9350
Fax: (919) 419-9354
Attorney Ref: 4245-104

¹ All the foreign patents and publications that are not written in English language are accompanied by their respective English abstracts, which constitute concise explanation of relevance of the non-English patents and publications that satisfy the requirements of 37 C.F.R. §1.98(a)(3)(i), according to MPEP 609 III A(3).

**INFORMATION
DISCLOSURE STATEMENT
BY APPLICANT**

Sheet 1 of 2

COMPLETE IF KNOWN

Application Number	10/535,093
Filing Date	May 13, 2005
First Named Inventor	VOLLRATH, et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	4245-104

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume/issue number(s), publisher, city and/or country where published	T ²
	AL	"Poly(methyl methacrylate)," accessed at www.psrc.usm.edu/macrog/pmma.htm on September 27, 2002.	
	AM	"Moulding," accessed through imm.medialgo24.de/v0/vvsetinene/vvleistung/absprtz.html on August 30, 2002.	
	AN	"LIGA Technology," Institute of Microtechnology Mainz, printed August 30, 2002.	
	AO	"The LIGA Process (An Outline)," published by Forschungszentrum Karlsruhe Microsystem Technologies Program, printed September 29, 2002.	
	AP	SHAO, et al., "Surprising Strength of Silkworm Silk," <i>Nature</i> , Vol. 418, Page 741, August 15, 2002.	
	AQ	CHEN, et al., "Characteristics and Design Procedure of Hyperbolic Dies," <i>J. Polymer Sci.</i> , Vol. 30, Pages 557-561, 1992.	

Examiner signature		Date Considered	
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

² Applicant is to place a check mark here if English Translation is attached. All the foreign patents and publications that are not written in English language are accompanied by their respective English abstracts, which constitute concise explanation of relevance of the non-English patents and publications that satisfy the requirements of 37 C.F.R. §1.98(a)(3)(i), according to MPEP 609 III A(3).